

MAR 2 4 2005 PS DEXCOMEDITA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Brauker, et al.

Appl. No.

10/646,333

Filed

August 22, 2003

For

OPTIMIZED SENSOR

GEOMETRY FOR AN

IMPLANTABLE GLUCOSE

SENSOR

Examiner

Kremer, M. J.

Group Art Unit

3736

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

March 21, 2005

Rose M. Thiessen, Reg. No. 40,202

SUPPLEMENTAL AMENDMENT

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed September 22, 2004, the Office Communication mailed February 22, 2005, and in addition to the Amendment filed December 28, 2004, Applicants respectfully request that the Examiner enter the following supplemental amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 6 of this paper.

Remarks/Arguments begin on page 8 of this paper.